

# Building Energy Code Education Projects At Iowa Central Community College

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# Project Driven Education

- ❑ Contracted with the Department of Natural Resources
- ❑ Two project homes
- ❑ One residence hall
- ❑ Groundbreakings
- ❑ Open house – formal and informal
- ❑ Presentations at conferences and seminars
- ❑ Partnerships





# Why Do We Need The BECE Program In Iowa?

- ❑ First thought is saving energy. Right?
- ❑ Update the building industry on methods and materials
- ❑ Housing longevity
- ❑ Create new jobs
- ❑ The best benefit is homeowner health and comfort!!!!







# Foundations

- ❑ Drainage
- ❑ Waterproofing
- ❑ Insulation – interior or exterior
- ❑ Superior Walls
- ❑ Wood
- ❑ Insulated Concrete Forms







# Walls And Roof

- ❑ OVE framing
- ❑ Vapor retarders and air barriers
- ❑ Band joist area
- ❑ Sealing details and products
- ❑ Insulation demonstrations
- ❑ Infra-red testing of the envelope





# Wall And Roof Exterior

- ❑ Homewrap and competitors
- ❑ Drainage plane
- ❑ Ventilated cladding
- ❑ Ice dam explanations
- ❑ Doors and windows





# Mechanicals

- ❑ Geo-thermal
- ❑ High efficiency sealed combustion gas
- ❑ Energy recovery ventilators
- ❑ Radon, VOC's, paints, and CO
- ❑ Mold



# Are We Reaching People?

- ❑ Conferences, seminars, and training sessions
- ❑ Radio talk shows
- ❑ Parade Of Homes
- ❑ Open houses
- ❑ Newspaper articles
- ❑ Happy Customers
- ❑ Word of mouth!



Central Community College  
Carpentry Program







